

REMARKS

This Amendment cancels claims 13-24, adds new claims 25-35, and presents a new Abstract. New claim 25 is taken from claims 13, 17 and 19. Dependent claims 26-35 correspond to canceled claims 16 and 18-24. One of ordinary skill in the art would understand that the "same plate" recitation of claim 22 should be corrected to the "same plane" feature of claim 33. The new Abstract is based on the existing abstract. Claims 25-35 are pending.

This Amendment overcomes the objection to the abstract. More particularly, the abstract has been amended in accordance with the Examiner's helpful suggestions. Reconsideration and withdrawal of the objection to the abstract are earnestly requested.

This Amendment overcomes the objection to claim 22. More particularly, claim 22 has been canceled in favor of claim 33, which recites -- a plane --. However, the objection to canceled claim 15 is respectfully traversed to the extent it may be applied to the new claims. Energy is received and transmitted by the antenna of the portable object through electromagnetic coupling with a reader of the portable object (Specification, page 9, lines 10-17 and Fig. 4). Reconsideration and withdrawal of the objection to claims 15 and 22 are earnestly requested.

This Amendment also overcomes the 35 U.S.C. § 112, second paragraph, rejection of claims 13-24. More particularly, new claim

25 has been drafted to clearly recite that the portable object receives energy and information from a reader of a portable object through electromagnetic coupling, and to first recite the antenna of the portable object as the primary of a transformer prior to reciting the receiving means as the transformer's secondary. New claim 30 has been drafted to make clear that information remains displayed on the display means of the peripheral display device for a predetermined period of time. Reconsideration and withdrawal of the indefiniteness rejection of claims 13-24 are earnestly requested.

The 35 U.S.C. 102(b) rejection of claims 13-16, 19, 20 and 22 over U.S. Publication 2001/0054005 to Hook et al. is respectfully traversed. A feature of the claimed peripheral display device for display of information associated with the use of a contactless portable object is a means for receiving energy and information comprising a flat coil which is not connected by ohmic contact to the portable object.

Hook et al. fails to disclose the contactless feature of the claimed peripheral display device. Instead, the third embodiment of the electronic shelf tag of Hook et al. uses physical wires ("ohmic contact") to transmit energy and information between its antenna and its display. See paragraph Nos. 82-84 and Figs. 24 and 25 of Hook et al.

Hook et al. neither discloses nor suggests contactless transfer of energy and information between the antenna and liquid crystal display of its electronic shelf tag. Reconsideration and withdrawal of the anticipation rejection of claims 13-16, 19, 20 and 2 over Hook et al. are earnestly requested.

The 35 U.S.C. § 103(a) rejection of claims 23 and 24 over Hook et al. is traversed. As discussed above, a feature of the claimed peripheral display device is a means for receiving energy and information comprising a flat coil which is not connected by ohmic contact to the portable object.

Hook et al. fails to raise a prima facie case of obviousness against the claimed display device because the reference does not disclose or suggest the contactless feature of the claimed peripheral display device. Reconsideration and withdrawal of the obviousness rejection of claims 23 and 24 over Hook et al. are earnestly requested.

The 35 U.S.C. § 103(a) rejection of claims 17, 18 and 21 over Hook et al. in view of PCT Publication WO 99/38117 to Freeman is also traversed. As discussed above, a feature of the claimed peripheral display device is a means for receiving energy and information comprising a flat coil which is not connected by ohmic contact to the portable object.

The cited combination of references fails to raise a prima facie case of obviousness against the claimed display device. The additional disclosure of Freeman does not remedy the deficiencies of Hook et al., discussed above. Freeman does not disclose or suggest the contactless feature of the claimed peripheral display device. Reconsideration and withdrawal of the obviousness rejection of claims 17, 18 and 21 over Hook et al. in view of Freeman are earnestly requested.

This Amendment overcomes the provisional obvious-type double patenting rejection of claims 13-24 over claims 15-28 of copending, commonly-assigned U.S. application S.N. 10/069,378. A terminal disclaimer which disclaims the terminal part, if any, of any patent granted on this application, which would extend beyond the expiration date of the full statutory term of the patent to issue from the allowed '378 application, is attached. Reconsideration and withdrawal of the obvious-type double patenting rejection are earnestly requested.

A Supplemental Information Disclosure Statement is attached.

It is believed the application is in condition for allowance. Reconsideration and withdrawal of all rejections of claims 13-24, and issuance of a Notice of Allowance directed to claims 25-35, are respectfully requested. The Examiner is urged to telephone the

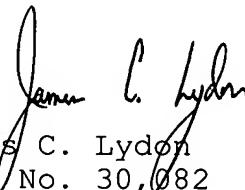
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AMENDMENT

PATENT

undersigned should she believe any further action is required for allowance.

A Petition and fee for a two month Extension of Time are attached. It is not believed that any additional fee is required for entry and consideration of this Amendment. Nevertheless, the Commissioner is authorized to charge our Deposit Account No. 50-1258 in the amount of any such required fee.

Respectfully submitted,



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Enclosures:

Substitute Abstract of the Disclosure
Petition for Extension of Time
Transmittal of Terminal Disclaimer
Supplemental IDS

ABSTRACT OF THE DISCLOSURE:

A peripheral display device for a portable contactless object such as a smart card (10) enabling information associated with the use of this portable object to be displayed. This peripheral device includes at least one chip, a display (16) and a receiver for receiving energy and information (18), not connected by an ohmic contact to the portable object. This receiver is a flat coil which plays the role of the secondary of a transformer, the primary of which is formed by the antenna (14) of the portable object, when the latter receives energy and information from a portable object reader via electromagnetic coupling.